



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090088

**Mode:** Highway

**Status:** Submitted

### SR-1005 (Pekin Road)

**From/Cross Street:** NC 24/27 in Albemarle

**Specific Improvement Type:** 16 - Modernize Roadway

**To:** US 74 at Rockingham

**Project Category:** Division Needs

**Length:** 32.29

**TIP#:** R-2314

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$41,040,000

#### Description:

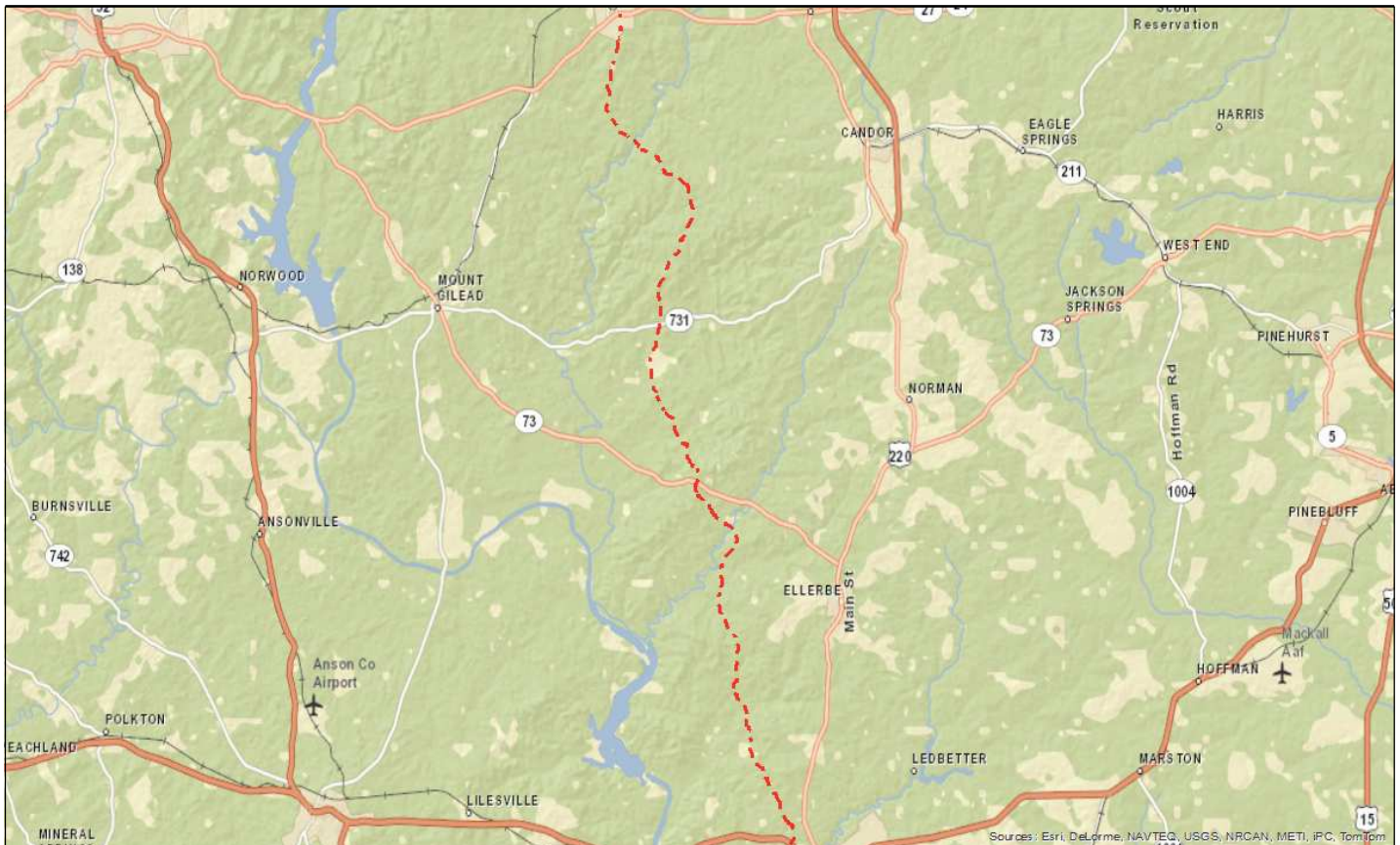
NC 24/27 in Troy to US 74 at Rockingham. Upgrade Roadway (Two Lanes only) with Minor Relocations.

**Division(s):** Division 8

**County(s):** RICHMOND, MONTGOMERY

**MPOS(s)/RPO(s):** Lumber River RPO, Piedmont Triad RPO

#### Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	Percent: 15% Points:	Percent: 15% Points:

**Division Needs Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 2.63 [Travel Time] Benefit/Cost (20%) 0.00 Safety (10%) 26.21 <b>Totals: Weight: 50% Weighted Score: 3.15</b>	Percent: 25% Points:	Percent: 25% Points:

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	54
Length (miles):	32.29
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Local
Terrain Type:	Rolling
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	616.92
Capacity:	15515.39
Volume/Capacity Ratio:	0.04
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	41.09
Crash Severity:	14.37
Critical Crash Rate:	23.17
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	21
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	90
Actual Congested Speed:	0
Travel Time Index:	0

**Project Benefits**

Project Cross-Section:	
Speed Limit:	54
Length (miles):	32.29
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Local
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	0
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 8

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 8	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Lumber River RPO	54%	0	0
Piedmont Triad RPO	46%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>0</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$41,040,000	TIP Unit
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$41,040,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$41,040,000</b>	